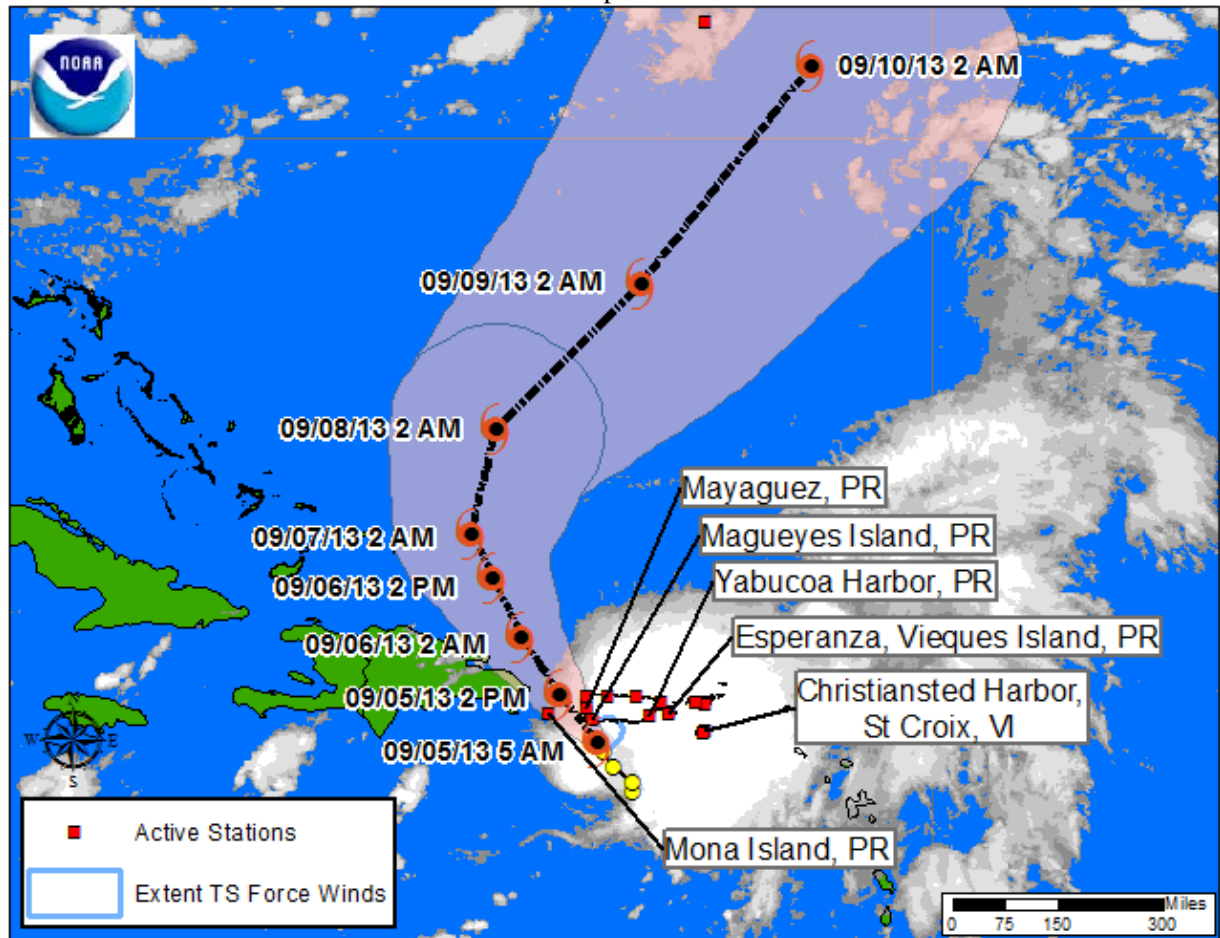




Tropical Storm GABRIELLE QuickLook
Posted: 06:00 AST 09/05/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/05/2013 06:00 AST, water levels across Puerto Rico and the U.S Virgin Islands are slightly elevated and range between 0.2 to 0.5 ft above predicted tide levels. Winds are increasing slightly along the southern coast of Puerto Rico and are measuring up to 15 to 20 knots with slightly higher gusts. Elsewhere along the Puerto Rican coast, winds remain light.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water (MLLW) are:

Christiansted Harbor, St Croix, VI: Next predicted high tides are 0.5 ft (0.14 m) at 09/05/2013 07:34 AST and 0.6 ft (0.19 m) at 09/05/2013 20:18 AST.

Esperanza, Vieques Island, PR: Next predicted high tides are 0.5 ft (0.14 m) at 09/05/2013 06:47 AST and 0.6

Tropical Storm GABRIELLE QuickLook, POSTED 06:00 AST 09/05/2013

ft (0.17 m) at 09/05/2013 20:20 AST.

Yabucoa Harbor, PR: Next predicted high tides are 0.4 ft (0.11 m) at 09/05/2013 08:03 AST and 0.5 ft (0.16 m) at 09/05/2013 20:42 AST.

Magueyes Island, PR: Next predicted high tides are 0.5 ft (0.17 m) at 09/05/2013 07:39 AST and 0.7 ft (0.22 m) at 09/05/2013 20:54 AST.

Mayaguez, PR: Next predicted high tides are 1.2 ft (0.38 m) at 09/05/2013 08:28 AST and 1.4 ft (0.42 m) at 09/05/2013 20:51 AST.

Mona Island, PR: Next predicted high tides are 0.5 ft (0.16 m) at 09/05/2013 07:43 AST and 0.6 ft (0.19 m) at 09/05/2013 20:29 AST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

BULLETIN

TROPICAL STORM GABRIELLE ADVISORY NUMBER 3
NWS NATIONAL HURRICANE CENTER MIAMI FL
500 AM AST THU SEP 05 2013

...GABRIELLE BRINGING HEAVY RAINS TO PUERTO RICO AND ADJACENT ISLANDS...

WATCHES AND WARNINGS

A TROPICAL STORM WARNING IS IN EFFECT FOR...
* PUERTO RICO

INTERESTS IN THE SOUTHEASTERN BAHAMAS AND THE TURKS AND CAICOS ISLANDS SHOULD MONITOR THE PROGRESS OF THIS SYSTEM.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 500 AM AST THE CENTER OF TROPICAL STORM GABRIELLE WAS ESTIMATED ABOUT 40 MI SSW OF PONCE PUERTO RICO. GABRIELLE IS MOVING TOWARD THE NORTHWEST NEAR 8 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE TODAY. A TURN TOWARD THE NORTH-NORTHWEST IS EXPECTED ON FRIDAY WITH A SLIGHT DECREASE IN FORWARD

SPEED. ON THE FORECAST TRACK...THE CENTER SHOULD PASS NEAR OR OVER THE SOUTHWESTERN PORTION OF PUERTO RICO THIS MORNING AND ACROSS THE MONA PASSAGE LATER TODAY. GABRIELLE SHOULD THEN MOVE EAST OF THE TURKS AND THE CAICOS ISLANDS ON FRIDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH WITH HIGHER GUSTS. SOME SLIGHT STRENGTHENING IS POSSIBLE DURING THE NEXT 48 HOURS.

GABRIELLE IS A SMALL TROPICAL CYCLONE. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 45 MILES FROM THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1008 MB...29.77 INCHES.

HAZARDS AFFECTING LAND

RAINFALL...GABRIELLE IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 3 TO 6 INCHES OVER PUERTO RICO...THE U.S. VIRGIN ISLANDS...AND EASTERN PORTIONS OF THE DOMINICAN REPUBLIC WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 12 INCHES POSSIBLE IN AREAS OF MOUNTAINOUS TERRAIN. THESE RAINS COULD CAUSE DANGEROUS FLASH FLOODS AND MUD SLIDES OVER MOUNTAINOUS TERRAIN.

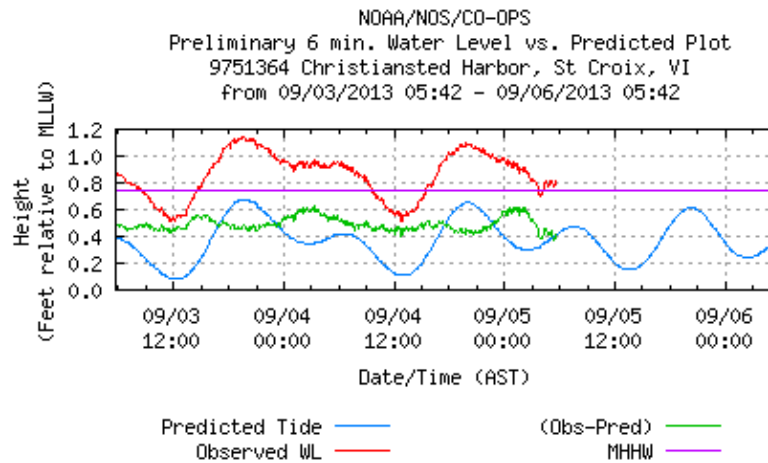
WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH THE COAST OF PUERTO RICO THIS MORNING...AND REACH THE WARNING AREA IN THE DOMINICAN REPUBLIC LATER TODAY. TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA LATER TODAY.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Winds](#), [Christiansted Harbor, St Croix - Barometric](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Yabucoa Harbor - Water Level](#), [Yabucoa Harbor - Winds](#), [Magueyes Island - Water Level](#), [Magueyes Island - Winds](#), [Magueyes Island - Barometric](#), [Mayaguez - Water Level](#), [Mayaguez - Winds](#), [Mayaguez - Barometric](#), [Mona Island - Water Level](#), [Mona Island - Barometric](#)

Christiansted Harbor, St Croix, VI - Return to List

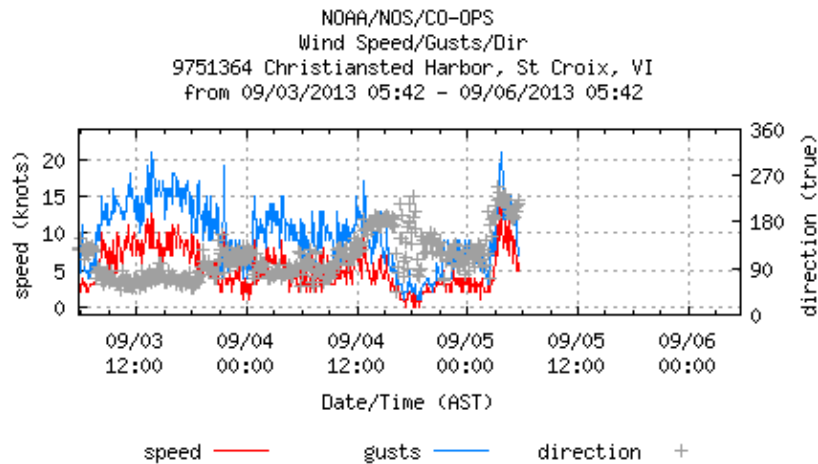


Last Observed Sample: 09/05/2013 05:36 (AST)

Relative to MLLW: **Observed: 0.82 ft.** **Predicted: 0.41 ft.** **Residual: 0.41 ft.**

Historical Maximum Water Level: Oct 16 2008, 1.91 ft. above MLLW

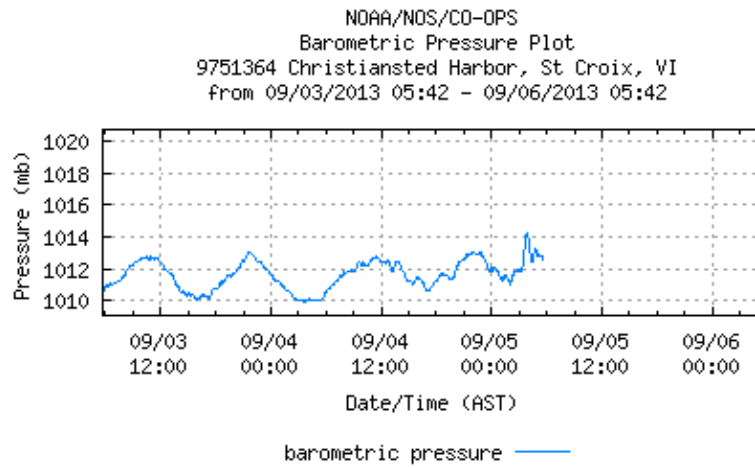
Christiansted Harbor, St Croix, VI - Return to List



Last Observed Sample: 09/05/2013 05:36 (AST)

Wind Speed: 5 knots **Gusts: 8 knots** **Direction: 222° T**

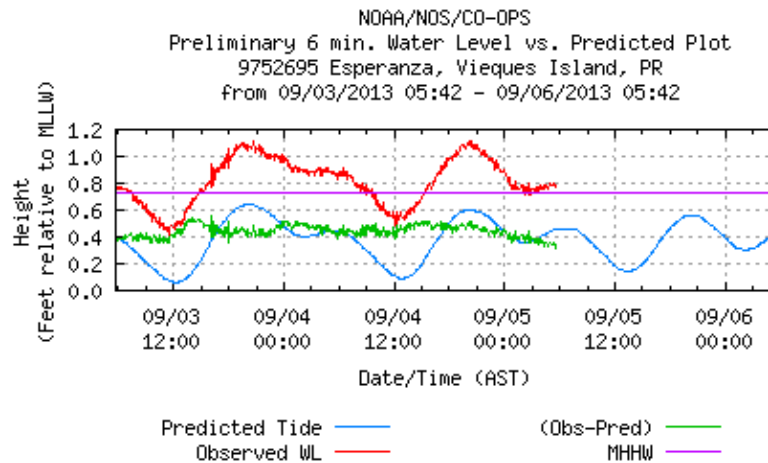
Christiansted Harbor, St Croix, VI - Return to List



Last Observed Sample: 09/05/2013 05:36 (AST)

Barometric Pressure: 1012.8 mb

Esperanza, Vieques Island, PR - Return to List

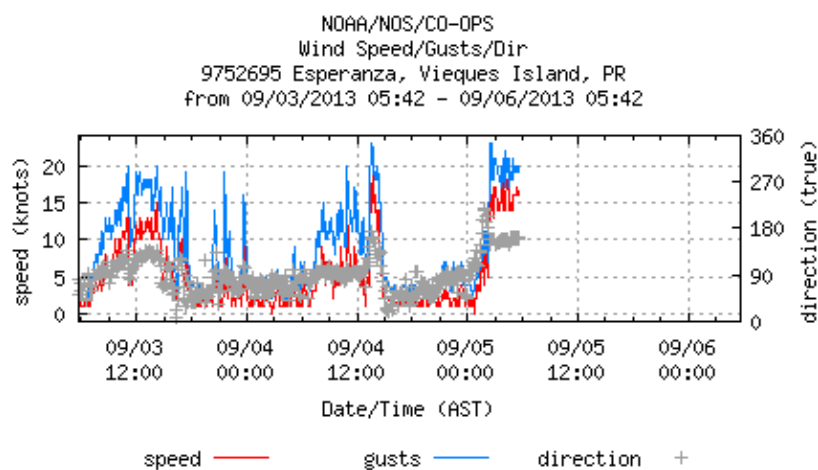


Last Observed Sample: 09/05/2013 05:36 (AST)

Relative to MLLW: Observed: 0.79 ft. Predicted: 0.45 ft. Residual: 0.34 ft.

Historical Maximum Water Level: Aug 22 2011, 1.78 ft. above MLLW

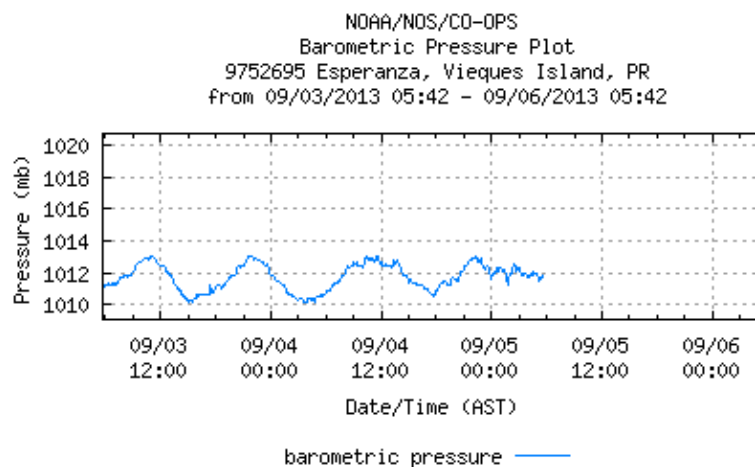
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 09/05/2013 05:36 (AST)

Wind Speed: 16 knots Gusts: 20 knots Direction: 162° T

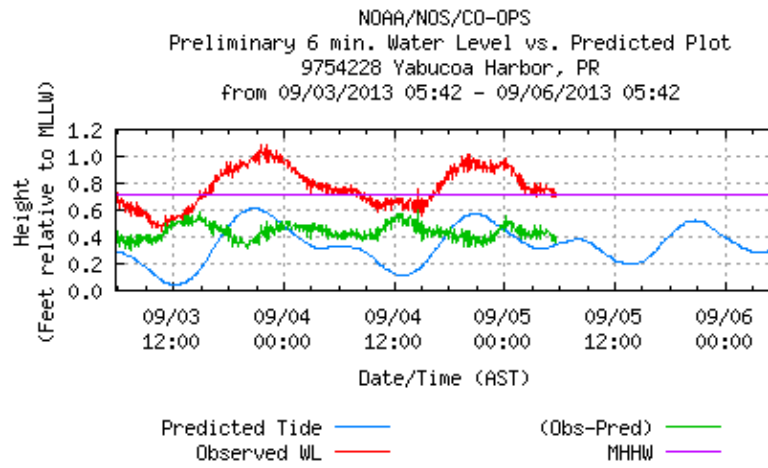
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 09/05/2013 05:36 (AST)

Barometric Pressure: 1011.8 mb

Yabucoa Harbor, PR - Return to List

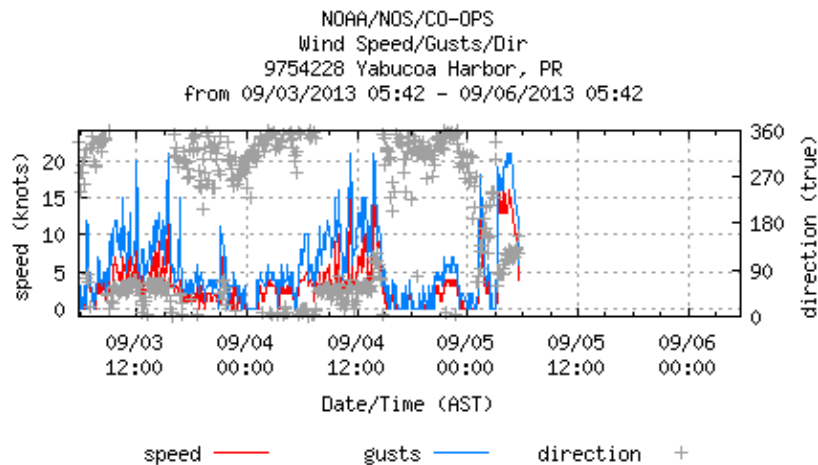


Last Observed Sample: 09/05/2013 05:36 (AST)

Relative to MLLW: **Observed: 0.70 ft.** **Predicted: 0.34 ft.** **Residual: 0.36 ft.**

Historical Maximum Water Level: n/a

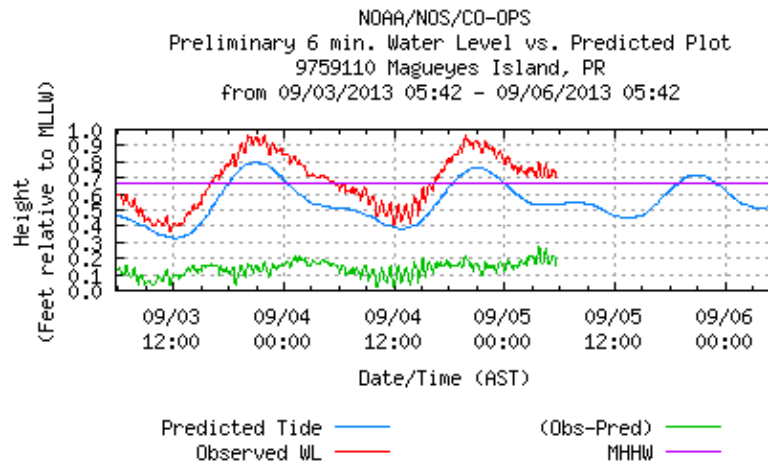
Yabucoa Harbor, PR - Return to List



Last Observed Sample: 09/05/2013 05:36 (AST)

Wind Speed: 4 knots **Gusts: 6 knots** **Direction: 155° T**

Magueyes Island, PR - Return to List

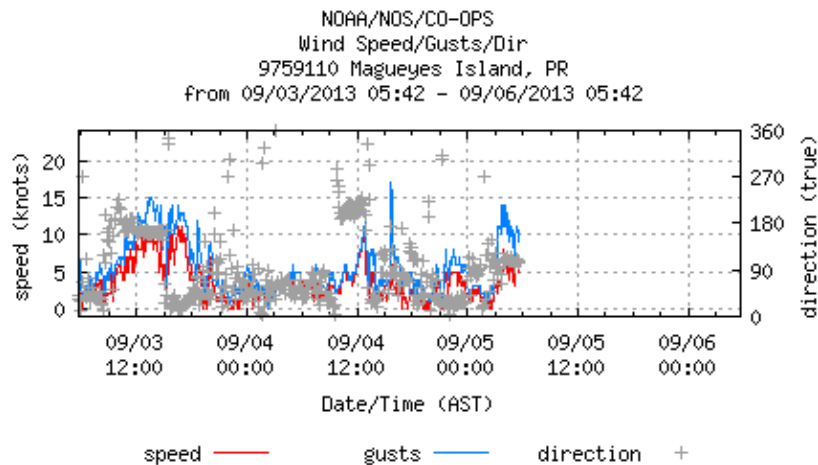


Last Observed Sample: 09/05/2013 05:36 (AST)

Relative to MLLW: **Observed: 0.70 ft.** **Predicted: 0.54 ft.** **Residual: 0.16 ft.**

Historical Maximum Water Level: Sep 22 1998, 2.26 ft. above MLLW

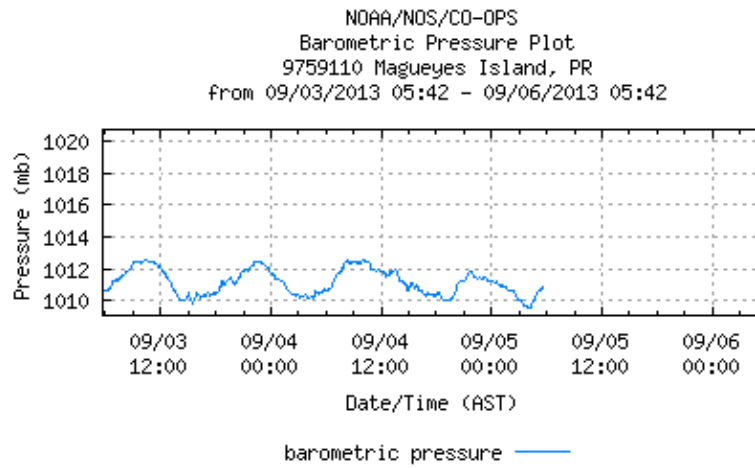
Magueyes Island, PR - Return to List



Last Observed Sample: 09/05/2013 05:36 (AST)

Wind Speed: 5 knots **Gusts: 9 knots** **Direction: 104° T**

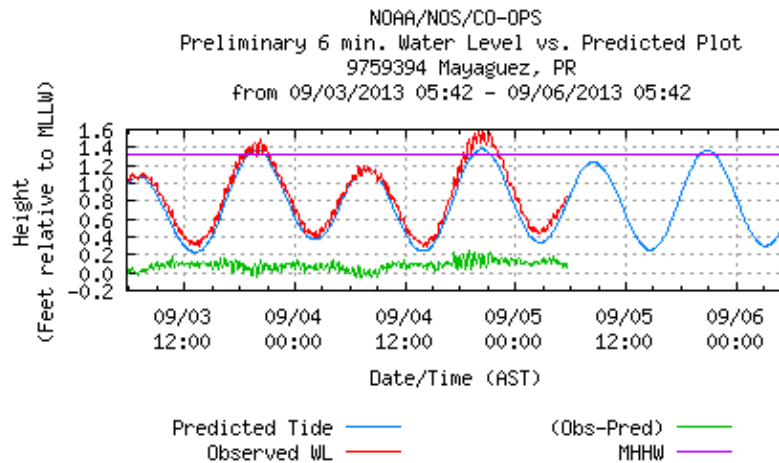
Magueyes Island, PR - Return to List



Last Observed Sample: 09/05/2013 05:36 (AST)

Barometric Pressure: 1010.9 mb

Mayaguez, PR - Return to List

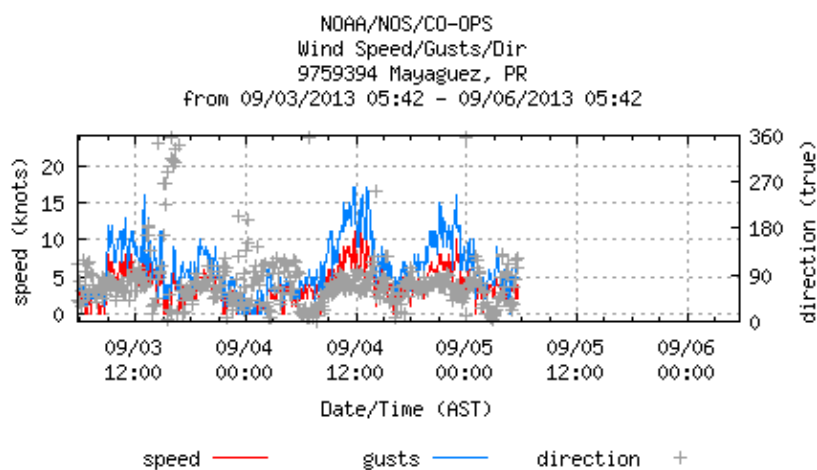


Last Observed Sample: 09/05/2013 05:36 (AST)

Relative to MLLW: Observed: 0.85 ft. Predicted: 0.79 ft. Residual: 0.06 ft.

Historical Maximum Water Level: Jul 13 2010, 2.17 ft. above MLLW

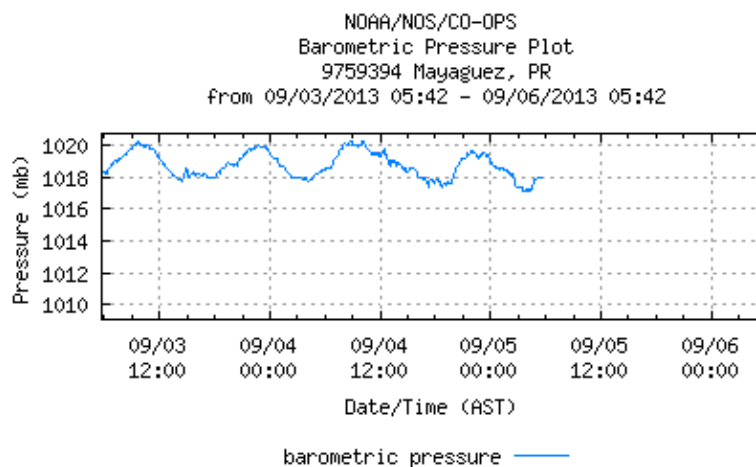
Mayaguez, PR - Return to List



Last Observed Sample: 09/05/2013 05:36 (AST)

Wind Speed: 2 knots Gusts: 5 knots Direction: 124° T

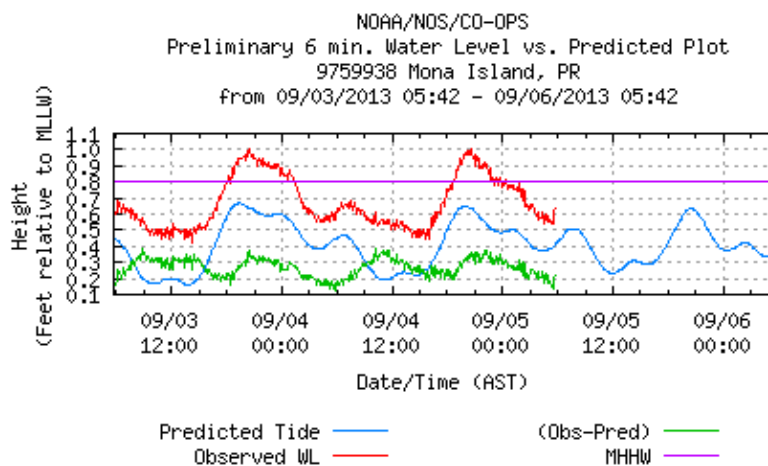
Mayaguez, PR - Return to List



Last Observed Sample: 09/05/2013 05:36 (AST)

Barometric Pressure: 1017.9 mb

Mona Island, PR - Return to List

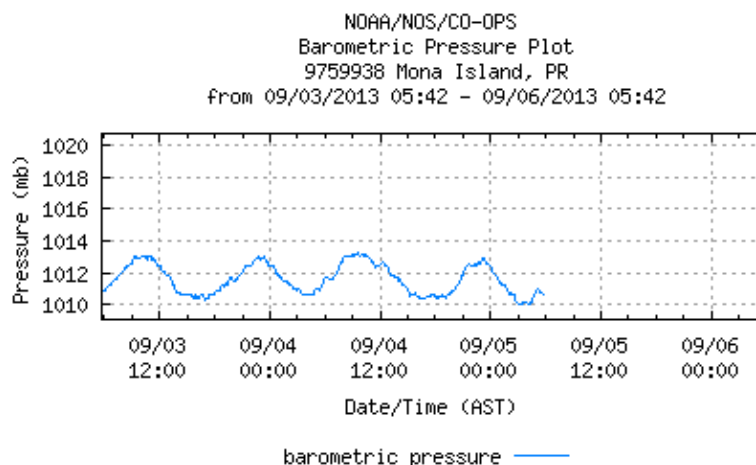


Last Observed Sample: 09/05/2013 05:42 (AST)

Relative to MLLW: **Observed: 0.63 ft.** **Predicted: 0.41 ft.** **Residual: 0.22 ft.**

Historical Maximum Water Level: Dec 23 2010, 2.06 ft. above MLLW

Mona Island, PR - Return to List



Last Observed Sample: 09/05/2013 05:42 (AST)

Barometric Pressure: 1010.7 mb